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Interaction of α -synuclein with biomembranes in Parkinson's disease – role of cardiolipin

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Abstract

One of the key molecular events underlying the pathogenesis of Parkinson's disease (PD) is the aberrant misfolding and aggregation of the α -synuclein (α S) protein into higher-order oligomers that play a key role in neuronal dysfunction and degeneration. A wealth of experimental data support the hypothesis that the neurotoxicity of α S oligomers is intrinsically linked with their ability to interact with, and disrupt,

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